

**WHAT IS CLAIMED IS:**

1. An automatic control energy-saving lamp device in which a plurality of U-shaped lamps (30) are fixed to a socket body (10) including a lighting control circuit (40) for controlling the lamps to be turned on/off and a screw-fitting socket screw (11) is extended to the socket body (10) so as to receive power by means of an electrical socket connection,

wherein an illumination sensor (12) for sensing a surrounding illumination and a timer (13) for controlling a lighting time are integrally provided in the socket body (10) together with the lighting control circuit (40) for controlling the lamps to be turned on/off according to a predetermined program included therein,

wherein an infrared sensor (31) for sensing movement of a human is protruded downward on an end of a sensor support (32) extended a predetermined length at a center of the U-shaped lamps (30) arranged in a square structure on a base (20), which has a cover function and has a combination unit (21) on a lower portion thereof so as to be combined to combination grooves of the socket body (10), with the sensor support (32) being surrounded by high-illumination reflection shades (33) for blocking light of the lamp.

2. The automatic control energy-saving lamp according to claim 1, wherein the base (20) having the lamps (30) and the socket body (10) having the socket screw (11) and the lighting control circuit (40) are formed integrally or separately.